

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 10/29/2001 Time: 16:45:41

Sample: AD23844
Analysis: \$ED508 Organochlorine Pesticides
Units: ug
Started: 10/2/01 16:44 Ended: 10/27/01 16:44 Analyst: MN
Page: 1

PKT	Component Name	Viol	Result	Qualifier	MDL
11	Endrin		12		0.1
2	DDT		11		0.1

Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011027B\1027END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011027B\1027END.D\ECD2B.CH
 Acq On : 27 Oct 2001 4:42 pm Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 27 17:35 2001 Quant Results File: 508F2.RES

Quant Method : C:\HPCHEM\1\METHODS\508F2.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 Response via : Initial Calibration
 DataAcq Meth : 508F2.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
9) S 2,4-DDD SURROGAT	38.98	34.36	54609	2247081	0.023	0.401 #
Spiked Amount	0.200		Recovery	=	11.50%	200.50%
Target Compounds						
2) g-BHC	0.00	21.14	0	5299	N.D.	0.000 #
5) HEPTACHLOR EPOXI	32.99	29.68	5188	2310	0.001	0.000 #
6) DIELDRIN	36.73	33.45	8212	685	0.002	0.000 #
7) ENDRIN	38.98	34.36	54609	2247081	0.021	0.378 #
8) METHOXYCHLOR	50.49	41.50	125217	52167	0.163	0.021 #

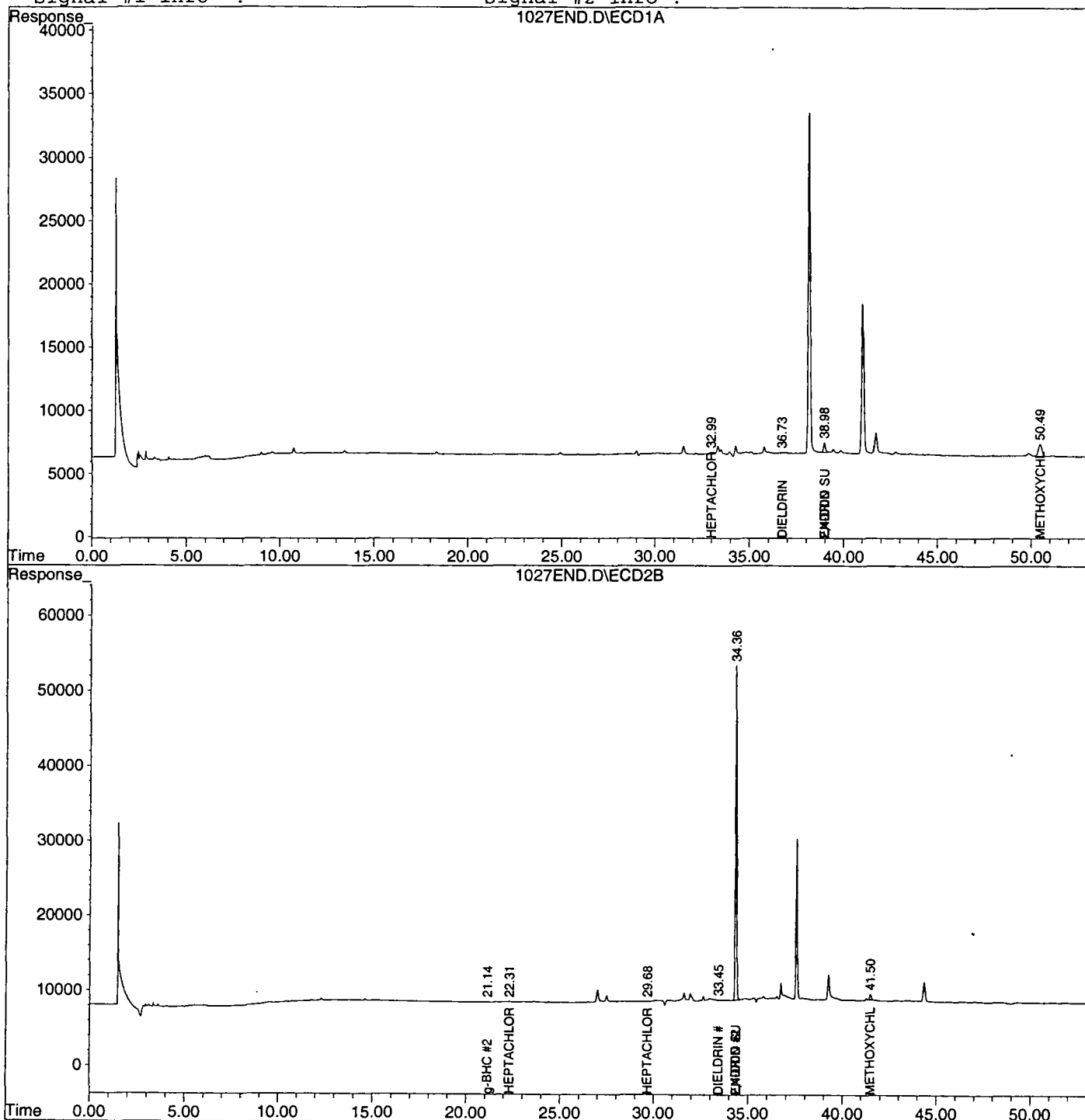
$$\% \text{ endrin breakdown} = \frac{148402 + 125217}{() + 2002542} = \frac{273619}{2276161} = 12\%$$

Quantitation Report

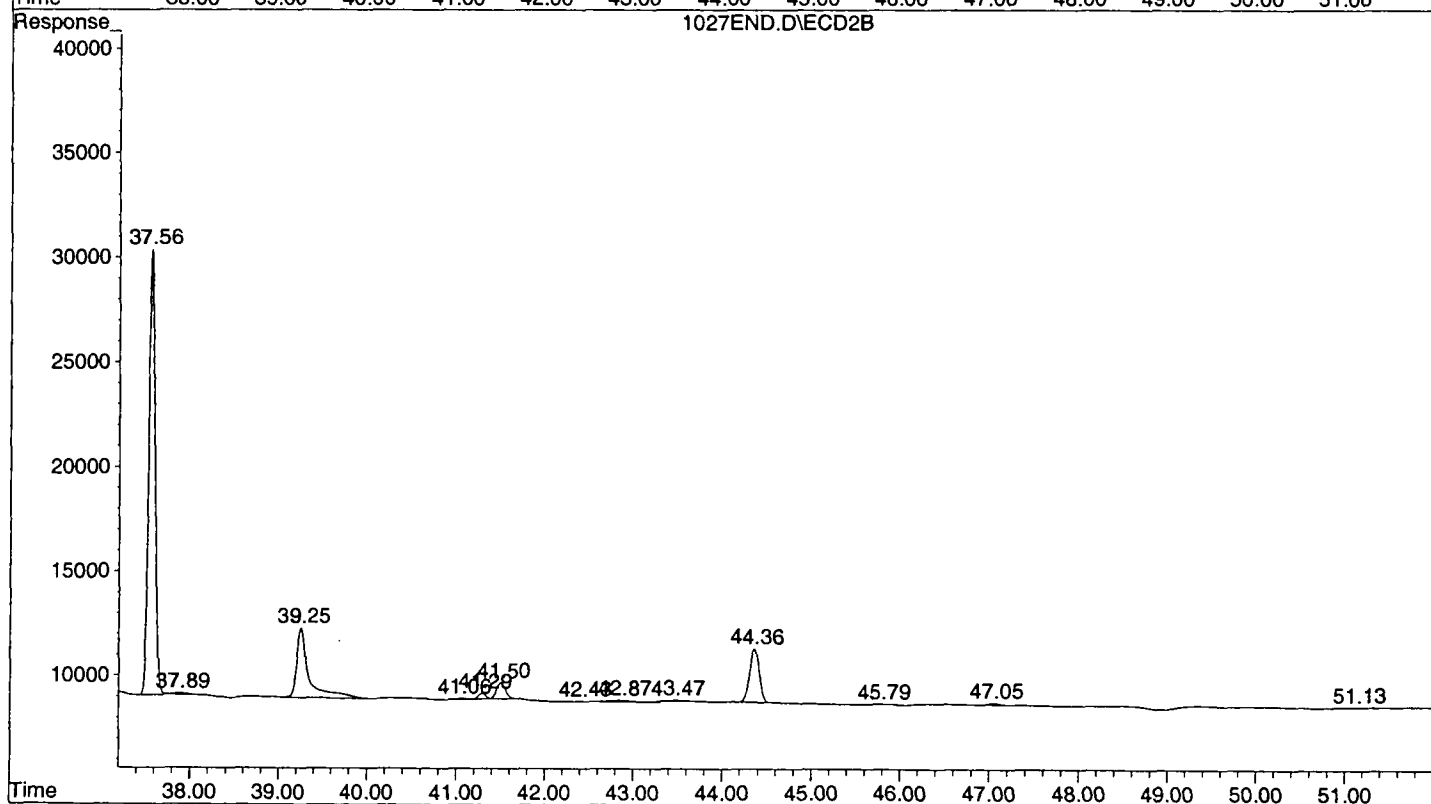
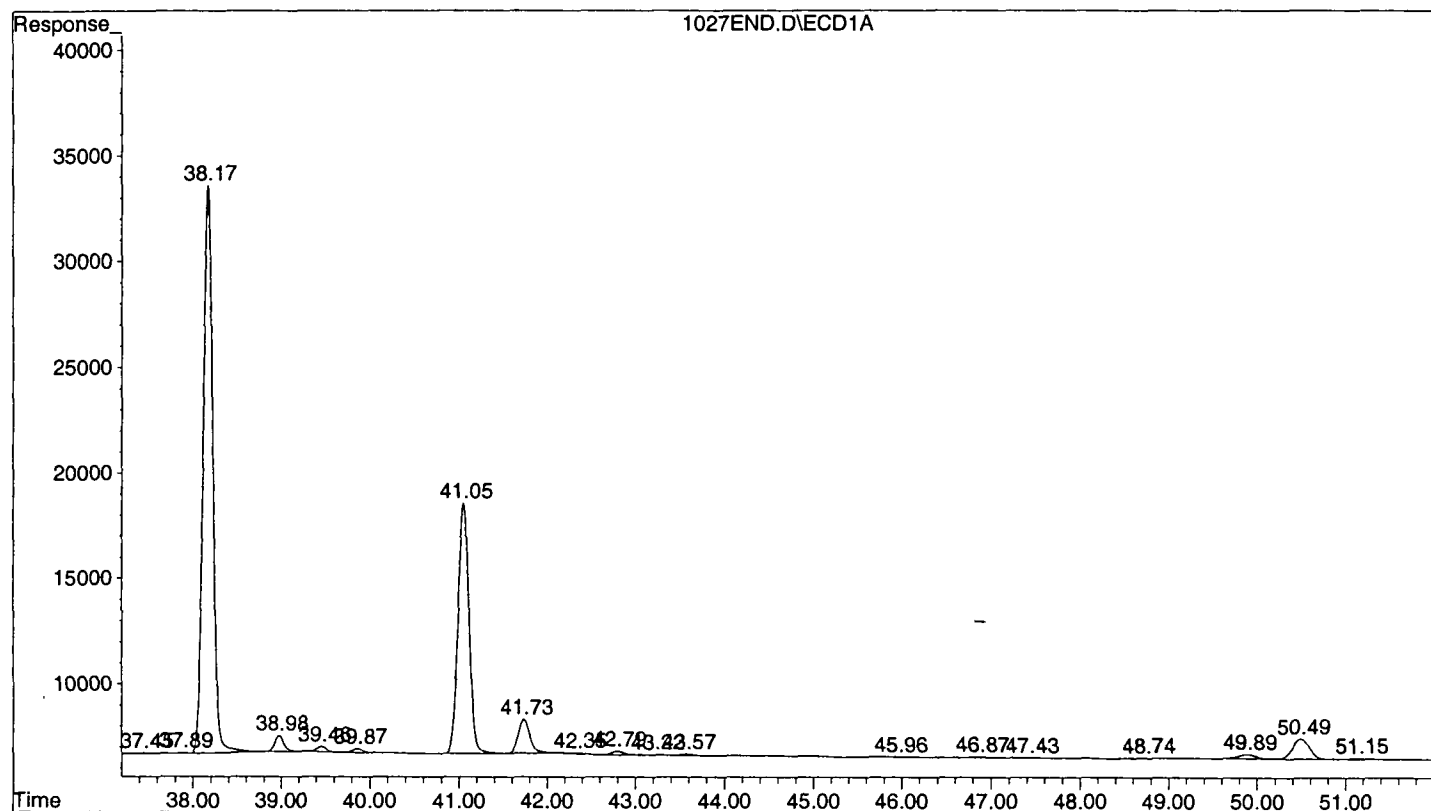
Signal #1 : C:\HPCHEM\1\DATA\508F\011027B\1027END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011027B\1027END.D\ECD2B.CH
 Acq On : 27 Oct 2001 4:42 pm Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 27 17:35 2001 Quant Results File: 508F2.RES

Quant Method : C:\HPCHEM\1\METHODS\508F2.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F2.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



File : C:\HPCHEM\1\DATA\508F\011027B\1027END.D
 Operator : Nefliu
 Acquired : 27 Oct 2001 4:42 pm using AcqMethod 508F2.M
 Instrument : 104
 Sample Name: endrin decomposition
 Misc Info :
 Vial Number: 4



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011027B\1027END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011027B\1027END.D\ECD2B.CH
 Acq On : 27 Oct 2001 4:42 pm Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e

Method : C:\HPCHEM\1\METHODS\011029P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.238	1.180	2.277	BV	21876	1686056	84.20%	28.216%
2	2.316	2.277	2.337	PV	35	534	0.03%	0.009%
3	2.377	2.337	2.404	PV	990	23507	1.17%	0.393%
4	2.436	2.404	2.478	VV	1235	39864	1.99%	0.667%
5	2.514	2.478	2.769	VV	914	111549	5.57%	1.867%
6	2.839	2.769	3.041	VV	1109	90885	4.54%	1.521%
7	3.074	3.041	3.118	VV	427	17945	0.90%	0.300%
8	3.148	3.118	3.193	VV	345	14906	0.74%	0.249%
9	3.245	3.193	3.261	VV	396	14633	0.73%	0.245%
10	3.299	3.261	3.380	VV	480	28963	1.45%	0.485%
11	3.401	3.380	3.462	VV	334	14850	0.74%	0.249%
12	3.501	3.462	3.628	VV	264	21603	1.08%	0.362%
13	3.707	3.628	3.738	VV	144	8332	0.42%	0.139%
14	3.848	3.738	3.897	VV	97	9728	0.49%	0.163%
15	4.047	3.897	4.242	VB	269	17986	0.90%	0.301%
16	4.297	4.253	4.359	BB	34	1113	0.06%	0.019%
17	4.404	4.375	4.512	BB	17	558	0.03%	0.009%
18	5.199	4.746	5.266	BB	58	4451	0.22%	0.074%
19	5.803	5.286	5.814	BB	6	3259	0.16%	0.055%
20	5.976	5.814	6.024	BB	52	1573	0.08%	0.026%
21	6.845	6.750	6.908	BB	22	686	0.03%	0.011%
22	7.361	7.095	7.411	BB	20	1464	0.07%	0.025%
23	7.532	7.412	7.563	BB	15	999	0.05%	0.017%
24	8.699	7.562	8.709	BB	5	2825	0.14%	0.047%
25	9.002	8.762	9.099	BB	206	8967	0.45%	0.150%
26	9.572	9.099	9.772	BB	138	19304	0.96%	0.323%
27	10.003	9.822	10.062	BB	7	574	0.03%	0.010%
28	10.235	10.065	10.321	BB	15	643	0.03%	0.011%
29	10.739	10.538	10.883	BB	402	22605	1.13%	0.378%
30	11.139	11.039	11.325	BB	24	3237	0.16%	0.054%
31	11.465	11.331	11.487	BB	9	1124	0.06%	0.019%
32	13.439	13.160	13.584	BB	187	11527	0.58%	0.193%
33	14.114	13.939	14.223	BB	10	514	0.03%	0.009%
34	15.986	15.839	16.132	BB	9	639	0.03%	0.011%
35	16.275	16.134	16.367	BB	19	1131	0.06%	0.019%
36	16.813	16.635	16.937	BB	20	1390	0.07%	0.023%
37	18.044	17.893	18.168	BB	21	1292	0.06%	0.022%
38	18.345	18.165	18.566	BB	149	10235	0.51%	0.171%
39	21.843	21.717	21.934	BB	8	572	0.03%	0.010%
40	24.520	24.194	24.667	BB	53	4464	0.22%	0.075%
41	24.920	24.695	25.179	BB	152	14090	0.70%	0.236%
42	25.876	25.564	26.060	BB	56	4859	0.24%	0.081%
43	26.969	26.599	27.166	BB	68	6050	0.30%	0.101%
44	28.517	28.219	28.614	BB	11	601	0.03%	0.010%
45	29.009	28.725	29.113	BB	333	25744	1.29%	0.431%
46	29.239	29.115	29.421	BB	106	11352	0.57%	0.190%
47	29.640	29.421	29.771	BB	13	1075	0.05%	0.018%
48	29.898	29.772	30.000	BB	64	4047	0.20%	0.068%
49	30.109	30.000	30.195	BB	49	2705	0.14%	0.045%
50	30.833	30.646	30.944	BB	26	1842	0.09%	0.031%

51	31.122	30.946	31.272	BB	20	1768	0.09%	0.030%
52	31.520	31.269	31.876	BB	605	45848	2.29%	0.767%
53	31.959	31.876	32.062	BB	14	767	0.04%	0.013%
54	32.181	32.060	32.332	BB	87	5367	0.27%	0.090%
55	32.995	32.333	33.200	BB	88	5188	0.26%	0.087%
56	33.340	33.201	33.435	BB	479	28100	1.40%	0.470%
57	33.508	33.435	33.623	BB	238	11482	0.57%	0.192%
58	33.958	33.819	34.147	BB	278	25596	1.28%	0.428%
59	34.285	34.147	34.526	BB	736	55668	2.78%	0.932%
60	34.847	34.526	35.010	BB	39	3370	0.17%	0.056%
61	35.111	35.010	35.338	BB	94	4990	0.25%	0.084%
62	35.781	35.339	36.001	BB	479	31509	1.57%	0.527%
63	36.049	36.001	36.383	BB	14	679	0.03%	0.011%
64	36.735	36.385	36.918	BB	56	8212	0.41%	0.137%
65	37.452	37.309	37.578	BB	26	1838	0.09%	0.031%
66	37.891	37.576	37.966	BB	27	1621	0.08%	0.027%
67	38.165	37.966	38.818	BB	26829	2002542	100.00%	33.512% <i>endrun</i>
68	38.979	38.834	39.258	BB	763	54609	2.73%	0.914%
69	39.463	39.258	39.686	BB	239	17534	0.88%	0.293%
70	39.867	39.697	40.198	BB	183	14536	0.73%	0.243%
71	41.047	40.816	41.512	BB	11877	1029945	51.43%	17.236%
72	41.735	41.512	42.127	BB	1596	148402	7.41%	2.483% <i>endrun old</i>
73	42.345	42.174	42.620	BB	48	4391	0.22%	0.073%
74	42.794	42.620	43.110	BB	171	18172	0.91%	0.304%
75	43.220	43.110	43.400	BB	15	1274	0.06%	0.021%
76	43.573	43.399	43.767	BB	70	6590	0.33%	0.110%
77	45.961	45.832	46.299	BB	6	575	0.03%	0.010%
78	46.874	46.695	47.068	BB	39	4189	0.21%	0.070%
79	47.429	47.168	47.659	BB	7	622	0.03%	0.010%
80	48.741	48.287	48.843	BB	15	3596	0.18%	0.060%
81	49.888	49.573	50.181	BB	192	26439	1.32%	0.442%
82	50.492	50.179	50.827	BB	945	125217	6.25%	2.095% <i>endrun helme</i>
83	51.150	50.911	51.357	BB	53	6042	0.30%	0.101%

Sum of corrected areas: 5975529

Signal #2 1027END.D\ECD2B

1	1.485	1.420	2.673	BV	24162	1627035	72.41%	24.455%
2	2.811	2.673	2.900	PV	1309	117348	5.22%	1.764%
3	2.935	2.900	3.014	VV	1366	77179	3.43%	1.160%
4	3.064	3.014	3.075	VV	1010	35651	1.59%	0.536%
5	3.100	3.075	3.257	VV	1121	94734	4.22%	1.424%
6	3.272	3.257	3.310	VV	661	20122	0.90%	0.302%
7	3.351	3.310	3.563	VV	997	83021	3.69%	1.248%
8	3.598	3.563	3.788	VB	554	29116	1.30%	0.438%
9	3.972	3.844	4.080	BB	55	3335	0.15%	0.050%
10	4.909	4.790	4.991	BB	64	4670	0.21%	0.070%
11	5.792	5.166	5.845	BB	32	22102	0.98%	0.332%
12	6.205	6.151	6.305	BB	23	665	0.03%	0.010%
13	6.716	6.647	6.791	BB	51	1563	0.07%	0.023%
14	6.934	6.875	7.030	BB	33	1378	0.06%	0.021%
15	7.088	7.031	7.125	BB	17	529	0.02%	0.008%
16	9.559	9.057	9.731	BB	154	26439	1.18%	0.397%
17	10.210	9.750	10.220	BB	4	3574	0.16%	0.054%
18	10.410	10.220	10.469	BB	54	1851	0.08%	0.028%
19	11.204	10.605	11.212	BB	3	2503	0.11%	0.038%
20	11.774	11.601	11.802	BB	7	565	0.03%	0.008%
21	12.302	11.952	12.426	BB	277	14382	0.64%	0.216%
22	14.264	14.145	14.330	BB	15	648	0.03%	0.010%
23	14.624	14.515	14.748	BB	194	9415	0.42%	0.142%
24	16.836	16.714	16.913	BB	23	1107	0.05%	0.017%
25	21.136	20.867	21.276	BB	86	5299	0.24%	0.080%
26	21.521	21.409	21.616	BB	25	1524	0.07%	0.023%
27	21.719	21.615	21.760	BB	12	642	0.03%	0.010%

28	22.307	22.200	22.428	BB	89	5156	0.23%	0.077%
29	23.042	22.840	23.157	BB	45	3041	0.14%	0.046%
30	23.617	23.436	23.756	BB	96	5891	0.26%	0.089%
31	26.089	25.988	26.199	BB	72	4272	0.19%	0.064%
32	26.504	26.300	26.609	BB	74	4159	0.19%	0.063%
33	27.015	26.631	27.313	BB	1582	113316	5.04%	1.703%
34	27.496	27.341	27.645	BB	746	43959	1.96%	0.661%
35	28.138	28.025	28.271	BB	13	901	0.04%	0.014%
36	28.528	28.412	28.617	BB	24	1037	0.05%	0.016%
37	28.686	28.618	28.811	BB	19	1232	0.05%	0.019%
38	29.122	28.944	29.186	BB	24	952	0.04%	0.014%
39	29.264	29.186	29.350	BB	30	1562	0.07%	0.023%
40	29.681	29.581	29.773	BB	40	2310	0.10%	0.035%
41	30.118	29.773	30.191	BB	75	3712	0.17%	0.056%
42	30.401	30.338	30.592	BB	165	30070	1.34%	0.452%
43	30.758	30.592	30.831	BB	292	32174	1.43%	0.484%
44	30.903	30.831	30.991	BB	121	5183	0.23%	0.078%
45	31.035	30.992	31.108	BB	15	583	0.03%	0.009%
46	31.625	31.229	31.838	BB	938	70296	3.13%	1.057%
47	31.949	31.839	32.009	BB	571	21322	0.95%	0.320%
48	32.469	32.340	32.538	BB	100	4179	0.19%	0.063%
49	32.631	32.537	32.735	BB	586	26653	1.19%	0.401%
50	32.981	32.735	33.108	BB	188	12879	0.57%	0.194%
51	33.133	33.108	33.394	BB	17	1278	0.06%	0.019%
52	33.452	33.394	33.535	BB	18	685	0.03%	0.010%
53	33.934	33.843	34.014	BB	31	1590	0.07%	0.024%
54	34.358	34.040	34.607	BB	44464	2247081	100.00%	33.774%
55	34.775	34.608	34.805	BB	12	1314	0.06%	0.020%
56	34.877	34.806	35.040	BB	48	4715	0.21%	0.071%
57	35.823	35.735	36.025	BB	278	14197	0.63%	0.213%
58	36.318	36.083	36.434	BB	51	5247	0.23%	0.079%
59	36.523	36.434	36.634	BB	329	14835	0.66%	0.223%
60	36.738	36.636	36.838	BB	1884	81994	3.65%	1.232%
61	37.565	37.437	37.764	BB	21280	1084401	48.26%	16.299%
62	37.886	37.766	38.091	BB	72	7135	0.32%	0.107%
63	39.252	38.985	40.044	BB	3313	314583	14.00%	4.728%
64	41.060	40.855	41.172	BB	34	2651	0.12%	0.040%
65	41.292	41.172	41.382	BB	268	14771	0.66%	0.222%
66	41.501	41.384	41.671	BB	750	52167	2.32%	0.784%
67	42.426	42.147	42.531	BB	13	1383	0.06%	0.021%
68	42.875	42.531	43.117	BB	70	12014	0.53%	0.181%
69	43.475	43.115	43.683	BB	56	9652	0.43%	0.145%
70	44.359	44.134	44.581	BB	2538	191755	8.53%	2.882%
71	45.790	45.620	45.834	BB	6	552	0.02%	0.008%
72	47.051	46.823	47.237	BB	83	7088	0.32%	0.107%
73	51.134	50.664	51.195	BB	9	979	0.04%	0.015%

Sum of corrected areas: 6653307

1027END.D 011029P.M Mon Oct 29 10:48:39 2001